

# Technical Specifications

Model No. BG-ASE-T-C+L-3dB-15dBm-09SM-N-FC/APC

Product Name Benchtop ASE Flat Source

Technical File BG.01.\*\*\*\*-000\_SPEC

Version V1.0

Distributor



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## 1 Specifications

### 1.1 Optical Specifications

Parameter	Min.	Typ.	Max.	Unit
Operation Wavelength	1530	-	1605	nm
Output Power	0	15	15	dBm
Spectrum Flatness	-	2.5	3	dB
Short Time Output Power Stability (15min@25°C)	-	-	0.05	dB
Long Time Output Power Stability (8hours@ 25°C)	-	-	0.1	dB
Operation Mode	APC/ACC			

### 1.2 Working Environment

Parameter	Min.	Typ.	Max.	Unit	Remarks
Working Temperature Range	0	+25	+50	°C	
Storage Temperature Range	-40	-	+80	°C	
Relative Humidity	0	-	90	%	

### 1.3 Electrical Specifications

#### 1.3.1 Power Specifications

Parameter	Min.	Typ.	Max.	Unit	Remarks
Power Supply	125	220	250	V	
Power Consumption	-	25	35	W	

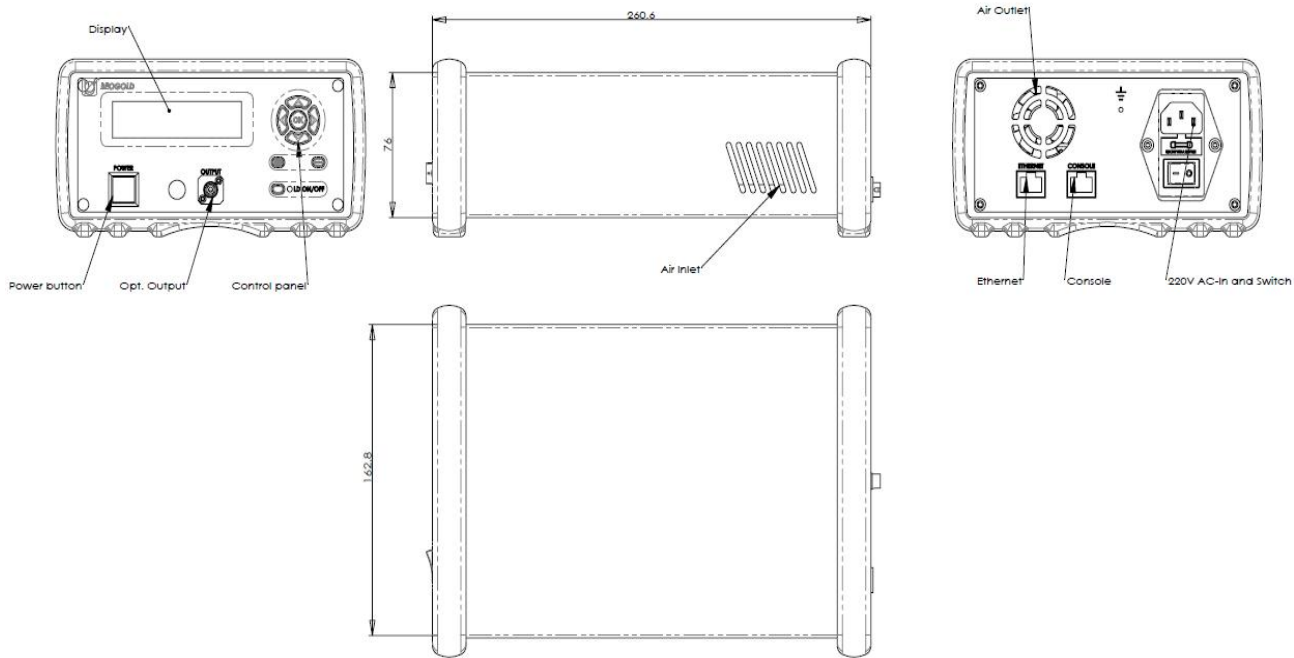
#### 1.3.2 Connector Type

RS232, communicate with the host through the console port on the rear panel.

## 2 Mechanical Structure and Pigtail

### 2.1 Mechanical Structure

Dimensions in mm: 260.6\*162.8\*76mm



## 2.2 Pigtail

Item	Specifications
Fiber Type	SMF28 900um Tube
Pigtail Length	Flange Output
Fiber Colour	White
Fiber Connector	FC/APC

## 3 Software Protocol Definition

### 3.1 Parameter Setting and Default Value

Parameter	Min.	Default	Max.	Unit
Output Power Alarm Threshold	0	15.5	15.5	dBm
Temperature Alarm Threshold	50	70	70	°C
Default Output Power	15			dBm
Operating Mode	-	APC	-	-

### 3.2 Serial Communication Protocol


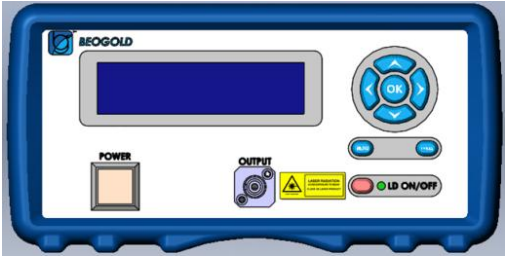
Item	Value	Unit
Baudrate	9600	Bit/s
Data Bits	8	Bit
Stop Bits	1	Bit
Parity	None	-

## 4 Labeling



### 4.1 Interface Label

Fiber Interface	Labeling	Label Type
Fiber Output	Output	Tube

### 4.2 Warning Label

Warning Label	Labeling	Label Type and Location
Laser Safety Warning Label		

### 4.3 Identification Label

Label	Labeling	Label Type and Location
SN/PN		

## 5 Parts and Accessories

Item	Quantity
Benchtop ASE Flat Source	1 PC
User Manual	1 PC
Test Report	1 PC
RJ45 to Female RS232 Serial Cable	1 PC
Control Software	1 PC
Power Supply Cable	1 PC

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